BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of work: Modified Estimate for the Work of Construction of Immersion Tank for Lord Ganesha idols at Near Rachenahalli Lake in Ward No 06 Byatarayanaprua Sub Division

								Estimate Cost Rs.	1969339.42
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-2.1 : earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in **Hard soil** not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2014-15	Cum							
	For New Slab Drain(Near Saraipalya Bus Stop)		1	85.00	0.75	0.75	47.81		
	For Culverts								
	Dasarahalli Akashavani layout Surrounding Area		10	6.50	1.95	1.05	133.09		
	Saraipalya, Surrounding Area.		3	6.50	1.95	1.05	39.93		
	As per Tender Qty 864.00						**220.83**	TR 260.00	**57414.83**
	Approved Sch B Rate	**260.00**							
2	KSRB-4-1.3 : Providing and laying in position **plain cement concrete of mix M 1:4:8** withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2014-15	**Cum**							
	Dasarahalli Akashavani layout Surrounding Area		10	6.50	1.95	0.15	19.01		
	Saraipalya,Surrounding Area.		3	6.50	1.95	0.15	5.70		
	As per Tender Qty 27.00						**24.72**	TR 4830.00	**119379.49**
	Approved Sch B Rate	**4830.00**							
3	KSRB 5.2.3 Providing and constructing granite / trap / basalt Size stone masonry **in foundation** with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 23/ Item No. 5.6/ PWD SR 2014-15	cum							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Dasarahalli Akashavani layout Surrounding Area		10X2	6.50	0.60	0.45	35.10		
	Saraipalya,Surrounding Area.		3X2	6.50	0.60	0.45	10.53		
	As per Tender Qty 83.19						**45.63**	TR 3830.00	**174762.90**
	Approved Sch B Rate	**3830.00**							
4	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry **in basement** with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No. 23/ Item No. 5.9/ PWD SR 2014-15	**Cum**							
	Dasarahalli Akashavani layout Surrounding Area		10X2	6.50	0.50	0.45	29.25		
	Saraipalya,Surrounding Area.		3X2	6.50	0.50	0.45	8.78		
	As per Tender Qty 222.52						**38.03**	TR 4535.00	**172443.38**
	Approved Sch B Rate	**4535.00**							
5	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix **M20** withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification. No. KBS 4.1,4.6, **No. KBS 4.1,4.6, No. 13/ Item No. 4.11/ PWD SR 2014-15**	**Cum**							
	Dasarahalli Akashavani layout Surrounding Area		10	6.50	1.65	0.23	24.67		
	Saraipalya, Hegadenagara Surrounding Area.		3	6.50	1.65	0.23	7.40		
	Culvert Ramp		10X2	6.50	0.60	0.15	11.70		
			3X2	6.50	0.60	0.15	3.51		
	As per Tender Qty 25.21						**47.28**		
	up to 125% 31.51						**31.51**	TR 6060.00	**190950.60**
	above 125% Qty						**15.77**	TR 6060.00	**95552.57**
	Approved Sch B Rate	**6060.00**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
6	KSRB 15.1.3: Providing **FLush pointing** to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 109/ Item No. 15.1/ PWD SR 2014-15	Sqm							
	Dasarahalli Akashavani layout Surrounding Area		10X2	6.50		0.50	65.00		
	Saraipalya,Surrounding Area.		3X2	6.50		0.50	19.50		
	As per Tender Qty 191.97						**84.50**	TR 87.00	**7351.50**
	Approved Sch B Rate	**87.00**							
7	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Page No. 17/ Item No. 4.46.2/ PWD SR 2014-15	**Tone**							
	0.090 Ton/Cum		0.090	47.28			**4.25**		
	As per Tender Qty 0.63						**4.25**		
	up to 125% 0.78						**0.78**	TR 77300.00	**60294.00**
	above 125% Qty						**3.47**	TR 77300.00	**268617.31**
	Approved Sch B Rate	**77300.00**							
8	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123,	Cum							
		Qty Vide Item No. 1 + 9					**369.33**		
	As per Tender Qty 432.00						**369.33**	TR 67.00	**24744.86**
	Approved Sch B Rate	**67.00**							
	Extra Item								
9	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1,P. No. 5/ Item No. 2.1/ PWD SR 2015-16	cum							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Desilting of Drains								
	Akashvani layout Main road		1	300.00	0.45	0.35	47.25		
	High Tension Main Road		1	400.00	0.45	0.30	54.00		
	Saraipalya Main Road		1	300.00	0.45	0.35	47.25		
							148.50	159.84	**23736.00**
	Basic Rate	148.00							
	Area Weightage @ 8%	11.84							
	Total	**159.84**							
10	Removing B.S Slab of Drain and stacking Page No. 25/ Item No. 5.32/ PWD SR 2015-16	Sqm							
	Akashvani layout Main road		1	300.00	1.65		495.00		
	High Tension Main Road		1	400.00	1.65		660.00		
	Saraipalya Main Road		1	300.00	1.65		495.00		
							1650.00		
	Deduct 20% Missing Slabs						330.00		
							1320.00	63.72	**84110.00**
	Basic Rate	59.00							
	Area Weightage @ 8%	4.72							
	Total	**63.72**							
11	Refixing stone slabs of drains and pointing in C.M (1:3) Page No. 25/ Item No. 5.33/ PWD SR 2015-16	Sqm							
			Qty Vide Item No.3				1320.00		
							1320.00	**78.84**	**104069.00**
	Basic Rate	73.00							
	Area Weightage @ 8%	5.84							
	Total	**78.84**							
12	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete -do- 7.5 cms thick Page No. 28/ Item No. 5.31.1/ PWD SR 2015-16	**Sqm**							
	For Missing slabs (25%)		Missing Slabs				330.00		
	New Slab Drain		1	85	1.65		140.25		
							470.25	663.12	**311832.00**
	Basic Rate	614.00							
	Area Weightage @ 8%	49.12							
	Total	**663.12**							
13	KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 16/ Item No. 4.34/ PWD SR 2015-16	**Sqm**							
	Dasarahalli Akashavani layout Surrounding Area		10	6.50	0.60		39.00		
	Saraipalya,Surrounding Area.		3	6.50	0.60		11.70		
	For Sides		10X2	6.50	0.23		29.90		
			10X2	1.65	0.23		7.59		
	For Sides		3X2	6.50	0.23		8.97		
			3X2	1.65	0.23		2.28		
							99.44	**270.00**	**26848.00**
	Basic Rate	**250.00**							
	Area Weightage @ 8%	20.00							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Total	**270.00**							
14	KSRB 4-1.7 : : Providing and laying in position plain cement concrete of mix 1:3:6 withOPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2/P No. 13/ Item No. 4.7/ PWD SR 2015-16	**cum**							
	Dasarahalli Akashavani layout Surrounding Area		10X2	6.50	0.50	0.10	6.50		
	Saraipalya,Surrounding Area.		3X2	6.50	0.50	0.10	1.95		
	Vent Bed		10	6.50	0.60	0.10	3.90		
	Vent Bed		3	6.50	0.60	0.10	1.17		
							13.52	5491.80	**74249.00**
	Basic Rate	5085.00							
	Area Weightage @ 8%	406.80							
	Total	**5491.80**							
15	KSRRB M300-53: construction of **embankment** with approved material gravel/murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement table 300-2 complete as per specifications. (which includes cost of gravel/murrum, watering charges & compaction by vibratory roller) MORTH specification Page No. 305.4.3, No. 156/ Item No. 19.60/ PWD SR 2015-16	**Cum**							
	Thanisandra Main Road Front of Anjaneya Temple		1	70.00	4.00	0.30	84.00		
			1	20.00	5.00	0.30	30.00		
							114.00	311.04	**35459.00**
	Basic Rate	288.00							
	Area Weightage @ 8%	23.04							
	Total	**311.04**							
16	KSRRB M400-14.2: Providing, laying, spreading and compacting stone aggregates of specific size to water bound macadam specifications. Including spreading in uniform thickness, hand packing, rolling with 3-whelled steel / vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening / binding materials to fill up the interstices of coarse aggregates, watering and compacting to the required density complete as per specifications. B by mechanical means, MORTH specification No. 404, Crushable type such as moorum or gravel for **grading II** , No. 166/ Item No. 20.14.1/ PWD SR 2015-16	**Cum**							
	Thanisandra Main Road Front of Anjaneya Temple		1	70.00	4.00	0.10	28.00		
			1	20.00	5.00	0.10	10.00		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							38.00	1751.76	66567.00
	Basic Rate	1622.00							
	Area Weightage @ 8%	129.76							
	Total	**1751.76**							
17	KSRRB M400-14.2: Providing, laying, spreading and compacting stone aggregates of specific size to water bound macadam specifications. Including spreading in uniform thickness, hand packing, rolling with 3-whelled steel / vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening / binding materials to fill up the interstices of coarse aggregates, watering and compacting to the required density complete as per specifications. B by mechanical means, MORTH specification No. 404, Crushable type such as moorum or gravel for **grading III** , No. 166/ Item No. 20.14.3/ PWD SR 2015-16	**Cum**							
	Thanisandra Main Road Front of Anjaneya Temple		1	70.00	4.00	0.10	28.00		
			1	20.00	5.00	0.10	10.00		
							38.00	1867.32	**70958.00**
	Basic Rate	1729.00							
	Area Weightage @ 8%	138.32							
	Total	**1867.32**							
								Total	**1969339.42**

Rupees Nineteen Lakh(s) Sixty Nine Thousand Three Hundred Thirty Nine And Paise Forty Two Only

1 **Estimate Sanction amount Rs =2000000.00**
2 **Tender Agriment Amount Rs =1969512.89**
3 **Tender Primioum below - 0.48%**

Assistant Engineer

Executive Engineer 12/4/16.
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike

" Modified Estimate Sanctioned "

Chief Engineer
Yelahanka Zone
Bruhath Bangalore Mahanagara
Bangalore 92